HEALTH
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LIBRARY

URBAN DISTRICT COUNCIL
of
MANGOTSFIELD.

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ANNUAL REPORT
of
MEDICAL OFFICER of HEALTH.

Year 1948.

MINISTRY OF HEALTH LIBRARY

MANGOTSFIELD URBAN DISTRICT

comprising
Downend, Soundwell & Mangotsfield
Wards.

- - - - - - -

Chairman of the Council:-

F.Cowles Esq.

Vice - Chairman:-

W.Hathway Esq.

Members of the Council:-

Mrs H.Smith.
Miss C.M.Gapper.
H.F.Wren Esq.,J.P.,C.C.
F.Banks Esq.
A.Beazer Esq.
J.R.Bizley Esq.
E.P.Birt Esq.
H.C.Bracey Esq.
H.G.Harris Esq.
J.Sheppard Esq.
W.Hughes Esq.
R.E.G.Powell Esq.
B.J.Woodhall Esq.

Clerk to the Council: Mr.F.Wallace.

Public Health Staff.

Medical Officer of Health.
(M.O.H. to combined South Gloucestershire Districts)

Dr.J.Menzies Cormack,
M.B.,Ch.B.,D.P.H.,D.P.A.

Sanitary Inspector & Surveyor.

Mr.F.Alan Long,
M.I.Mun.E.,A.R.I.C.S.,M.S.I.A.

Clerical Assistant.

Mr.G.D.Howell,
A.R.I.P.H.H.

Public Health Offices;-

Council Offices,
Staple Hill,
Bristol.

Outfall Works;-

Manager: Mr.H.Hooper,
Moorend,
Downend, Bristol.

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Annual Report for the Year 1948.

To the Chairman and Members of the
Mangotsfield Urban District Council.

Gentlemen,

I have the honour to present my eleventh Annual Report on the Health of the District, this being the twentyfirst report since the formation of the Urban District in 1927.

The Report is based on Statistics calculated from returns made by the Registrar-General and is in accordance with the requirements of Ministry of Health Circular 7/49.

'A' STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

(i) General Statistics.

Area	1,553 Acres.
Population (Registrar's Estimate Mid 1948)	17,070
Number of inhabited houses (December)....	5,067
Number of houses void (December)	Nil.
Rateable Value of District	£ 72,648
Sum represented by 1d rate	£ 302

(ii) Social Conditions.

No important change has taken place in the nature of the chief trades carried out in the local industries. The following indicates the principal trades;-

Boot & Shoe Making.
Motor Repairing.
Light Engineering.
Clothing.
Printing.
Market Gardening.
Baking & Confectionery.
Laundering.
Building.
Saw Mill & Ladder Making.
Vehicle Body-Building.

(iii) Extracts from Vital Statistics.

		Male.	Female.	Total.
Live Births	Legitimate	166	117	279
	Illegitimate	3	2	5
Still Births ...	Legitimate	4	5	9
	Illegitimate	Nil.	Nil.	Nil.
Deaths.	Death Rate for Mangotsfield Urban per 1,000 estimated pop.			10.3
	Death Rate for England & Wales per 1,000 estimated population.			10.8
Births.....	Birth Rate Mangotsfield Urban per 1,000 Estimated population.			16.6
	Birth Rate England & Wales per 1,000 estimated population.			17.9

To the Chairman and Members of the
Mangotsfield Urban District Council.

Gentlemen,

I have the honour to present my eleventh Annual Report on the Health of the District, this being the twenty-first report since the formation of the Urban District in 1922.

The Report is based on Statistics calculated from returns made by the Registrar-General in accordance with the regulations of Ministry of Health Circular "A49".

"A". STATISTICS AND GENERAL CONDITIONS OF THE AREA.

(i) General Statistics.

Area	1,637 Acres.
Population (Registrar's Estimate mid 1935)	17,070
Number of inhabited houses (December).....	5,087
Number of houses void (December)	111.
Rateable Value of District	£ 72,848
Sum represented by 1d rate	£ 302

(ii) Special Conditions.

No important change has taken place in the nature of the order trades carried out in the local industries. The following indicates the principal trades:-

Boot & Shoe Making.	Brick & Concrete Industry.
Motor Repairing.	Laundering.
Light Engineering.	Building.
Clothing.	Saw Mill & Timber Work.
Printing.	Vehicle Body-Building.
Market Gardening.	

(iii) Statistics of Vital Statistics.

	Male.	Female.	Total.
Live Births ..... Legitimate	166	112	278
Illegitimate	" 2		5
Still Births ..... Legitimate	4	5	9
Illegitimate	Nil.	Nil.	Nil.
Deaths.	Birth-rate for Mangotsfield Urban per 1,000 estimated pop.		16.7
	Death-rate for England & Wales per 1,000 estimated population.		12.8
Births.....	Birth rate Mangotsfield Urban per 1,000 estimated population.		16.3
	Birth rate England & Wales		14.6

The following report was received from the West Gloucestershire Water Company on a sample of water.

" The Counties Public Health Laboratories "

66, Victoria St.,
London S.W.1.

D/WE/70

Report on the Bacteriological Examination of a sample of water.

Received 17 Jan 1949. from West Glos. Water Company.

Label: Frampton Pumping Station. Output Water.
Date 17.1.49., 10.45 a.m.

Taken by. W. Whittern. Witness. G.C. Bereton.
Signed. W. Whittern.

	1 day at 37° C	2 days at 37° C	3 days at 37° C
Number of colonies developing on Agar per cc or ml in,	0	0	4

Presumptive Coliform Reaction.	Present in -	Absent from 100 ml.	
Bact Coli .	"	" -	" "
Cl. welchii reaction	"	" -	" "

This is a very satisfactory sample. It is clear and bright in appearance and of the highest standard of bacterial purity consistent with a wholesome water suitable for public supply purposes.

(Sgd) Gordon Miles,
for the Public Health
Laboratories.

26.1.49.

The following report was received from the West Gloucestershire Water Company on a sample of water.

" The Counties Public Health Laboratories

8a, Victoria St.,
London S.W.1.

L/WE/70

Report on the Bacteriological Examination of a sample of water.

Received 17 Jan 1942. From West Glos.Water Compa

Label: Frampton Pumping Station. Output Water.
Date 17.1.42. 10.45 a.m.

Taken by. W.Whittern. Witness. G.O.Ferston.
Signed. W.Whittern.

Number of colonies developing on Agar per cc or ml in.	1 day at 37° C	2 days at 37° C
	0	0

Presumptive Coliform Reaction. Present in - Absent in 100

Bact Coli. " " - "

Cl.welchii reaction " " - "

This is a very satisfactory sample. It is clear and bright in appearance and of the highest standard bacterial purity combined with a which some water suitable for public supply purposes.

(Sgd) Gordon Miles,
For the Public Health
26.1.42. Laboratories.

The following Tables show the increase in population and number of houses since 1931.

Year.	Population.	Houses.	Persons per hse.
1931 (Census)	11,251	2,801	4.
1938	14,780	4,600	3.12
1944	16,500	4,700	3.510
1947	16,990	4,876	3.513
1948	17,070	5,067	3.36

CAUSES OF DEATHS.

Cause of Death.	Ages. -1	1-	5-	15-	25-	45-	65-	75-	Total.
6. Tuberculosis of Respiratory system.	-	-	-	3	3	1	-	-	7
7. Othe forms of tuberculosis...	-	-	-	-	1	-	-	-	1
8. Syphilitis disease	-	-	-	-	-	1	-	-	1
13. Cancer of buccal cavity & oesophagus(Males only)...	-	-	-	-	-	-	1	-	1
13. Cancer of the uterus	-	-	-	-	-	1	-	-	1
14. Cancer of Stomach & duodenum	-	-	-	-	-	-	2	3	5
15. Cancer of breast	-	-	-	-	-	-	-	1	1
16. Cancer other sites	-	-	-	-	1	5	3	3	12
17. Diabetes	-	-	-	-	-	-	1	-	1
18. Intra Cranial Vascular Lesions	-	-	-	-	-	5	6	13	24
19. Heart Disease	-	2	-	1	-	15	26	32	76
20. Other diseases, circulatory system.	-	-	-	-	-	1	1	1	3
21. Bronchitis.	-	-	-	-	-	2	1	2	5
22. Pnuemonia	2	1	-	-	-	-	-	2	5
23. Other respiratory diseases ..	-	-	-	-	-	-	-	-	-
24. Ulceration of the stomach & duodenum.....	-	-	-	-	-	-	1	-	1
27. Other Digestive diseases	-	-	-	-	-	1	1	1	3
28. Nephritis	-	-	-	-	1	-	3	1	5
31. Premature Birth	1	-	-	-	-	-	-	-	1
32. Congenital malformations, birth injury, infantile disease	2	-	-	-	-	-	-	-	2
33. Suicide.....	-	-	-	-	-	1	-	-	1
34. Road Traffic Accidents	-	1	-	-	2	-	-	-	3
35. Other Violent Causes	-	-	-	-	1	-	1	-	2
36. All other causes	-	1	-	-	1	7	2	3	14
								Total:.	176

The following Table shows the increase in population and number of houses since 1921.

Year.	Population.	Houses.	Persons per house.
1921 (Census)	11,251	2,601	4.
1923	14,780	4,600	3.12
1924	16,000	4,700	3.510
1927	18,390	4,876	3.313
1928	19,000	5,067	3.76

NUMBER OF DEATHS.

Cause of Death.	Age. 1-	5-	15-	25-	45-	65-	75-
Tuberculosis of lungs, bones, glands.	—	—	—	2	1	—	—
Other forms of tuberculosis...	—	—	1	—	—	—	—
Syphilitic disease	—	—	—	—	1	—	—
Cancer or malignant growth & neoplasms (malignancy) ...	—	—	—	—	—	1	—
Cancer of the uterus	—	—	—	—	—	2	—
Cancer of stomach & duodenum	—	—	—	—	—	—	1
Cancer of breast	—	—	—	1	6	—	—
Cancer other sites	—	—	—	—	—	1	—
Diabetes	—	—	—	—	6	6	1
Intra Cranial vascular lesions	—	2	—	1	15	25	1
Heart Disease	—	—	—	—	1	1	1
Other diseases circulatory system.	—	—	—	—	—	3	2
Bronchitis.	2	1	—	—	—	—	—
Pneumonia	—	—	—	—	—	—	1
Other respiratory diseases ..	—	—	—	—	—	—	—
Ulceration of the stomach & duodenum.	—	—	—	—	—	1	1
Other Digestive diseases	—	—	1	—	—	—	—
Nephritis	—	—	—	—	—	—	—
Premature birth	—	—	—	—	—	—	—
Congenital malformation, birth injury, infantile diseases	—	—	—	—	—	—	—
Suicide.....	—	1	—	—	—	—	—
Loss of Traffic Accident	—	—	—	—	—	—	—
Other Violent Causes	—	—	—	1	—	—	1
All other causes	—	—	—	1	—	—	2
Total:.							

'B' SANITARY CIRCUMSTANCES OF THE AREA.

1. Drainage and Sewerage.

The duplication of the main sewer to serve the Hillhouse Estate has been completed.

During the year 1948 the undermentioned connections to the sewers were made:-

Houses from outside the Urban Area	2
New Private Houses	11
New Council Houses	65
Total	78

2. Sanitary Inspections of the Area.

(a) Inspections made	78
(b) Nuisances discovered or reported	27
(c) " " " (Swine only)	1
(d) Complaints received	73
(e) Informal notices sent	18
(f) Statutary Notices sent	13
(g) Nuisances abated	26
(h) Summonses served	-
(i) Number of houses disinfected	15

Premises or occupations subject to Statutory Control.

(a) Mechanical Factories.	
Number inspected	29
Number of inspections	28
Notices served	7
(b) Non-Mechanical Factories.	
Number inspected	12
Number of inspections	12
Notices served	3
(c) Other premises.	
Number inspected	15
(d) Bakehouses.	
Number inspected	8
Number of inspections	8
(e) Dairies, Cow Sheds, Milk Shops etc.	
Number inspected	14
Number of inspections	14
Action taken	1

FACTORIES ACT, 1937.

The following table is submitted by the request of the Ministry of Labour as required by Section 128(7) of the Factories Act, 1937 Part I & VIII.

(i) INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises.	Number on Register.	Number of Inspections	Written Notices.	Prosecuted.
Factories in which Sections, 1, 2, 3, 4, & 6 are to be enforced by local authorities.	18	18	1	-

cont'd

Factories Act 1937 cont'd.

b/f.....				
(ii)Factories not included in(i) in which Sect 7 is enforced by the local authy.	41	35	6	-
(iii) Other premises in which Sect 7 is enforced by the local authy(excluding outworkers premises)	-			
Totals	59	53 ~~47~~	7 ~~8~~	-

2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars.	Number of cases in which defects were found.				No. of prosecutio
	Found.	Remedied.	Referred to H.M. Inspector.	By H.M. Inspector.	
Want of Cleanliness(S1)	3	3	-	-	-
Overcrowding (S2)	-	-	-	-	-
Unreasonable Temperature(S3)	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Inconveniences (S7) (a) insuffient.	-	1	-	1	-
(b) Unsuitable or def.	1	1	-	-	-
(c) Not separate for sexes	1	1	-	-	-
Other offences against the Act, (not including offences relating to outwork).	-	-	-	-	-
Total :	5	6	-	1	-

SHOPS ACT,1934.

No special action was taken under this Act. No new shops were constructed during the year.

CAMPING SITES.

There are no camping sites in the area.

'C' INSPECTION & SUPERVISION OF FOODS.

(i) Meat and other foods.

The slaughtering of animals is still mainly carried out at the Central Abattoir, instead of the private slaughter houses.

Inspections were made of meat and other foods and Certificates of Voluntary Surrender or Condemnation were issued as required.

'D' INFECTIOUS DISEASES.

The number of cases of infectious diseases(other than tuberculosis) notified during the year was 323, of which 275 were measles cases.

The following figures show the incidence of these diseases for the year immediately pre-war, during the war, and post war.

1937	98
1938	64
1940	95
1943	74
1947	57
1948	323

Diphtheria.

No cases were reported during the year. The Immunisation Scheme is still in force.

Table showing incidence of Infectious Diseases in Wards.

Disease.	Downend.	Soundwell.	Mangotsfield.	Total
Scarlet Fever.	2	3	-	5
Enteric Fever & Enteritis.	2	1	-	3
Pnuemonia	2	-	1	3
Measles	98	105	72	275
Whooping Cough	9	14	2	25
Erysipelas	-	4	-	4
Poliomyelitis	-	-	1	1
Ophthalmia Neonatorum ...	-	1	-	1
Food Poisoning.	-	-	2	2
Chicken Pox .... (not notifiable)	-	-	4	4
Totals.	117	128	82	327.

Table showing the incidence of infectious disease in Age Groups.

Disease.	-1	1-	2-	3-	4-	5-	10-	15-	20-	35-	65-	Total.
Scarlet Fever.			1			2	1		1			5
Poliomyelitis						1						1
Measles.	8	27	36	37	43	122		1		1		275
Whooping Cough	5	6	3	5	3	3						25
Enteritis& Enteric Fever	1	1		1								3
Erysipelas										2	2	4
Pnuemonia										1	2	3
Ophthalmia Neonatorum	1											1
Chicken Pox.	1	1		1		1						4
Food Poisoning											2	2
Totals:	16	35	40	44	46	129	1	1	1	4	6	323

The number of cases of infectious disease (other than tuberculosis) notified during the year was 727, of which 279 were measles cases.

The following figures show the incidence of these diseases for the year immediately pre-war, during the war, and post war.

1977	98
1970	64
1980	95
1947	74
1949	87
1948	727

Diphtheria.

No cases were reported during the year. The Immunisation Scheme is still in force.

Table showing incidence of Infectious Diseases in Wards.

Disease.	Downend.	Soundwell.	Staple Hill.
Scarlet Fever.	2	8	-
Enteric Fever & Paratyphoid.	2	1	-
Pneumonia	2	-	1
Measles	93	105	72
Whooping Cough	9	14	2
Erysipelas	-	4	-
Poliomyelitis	-	-	1
Ophthalmia Neonatorum ...	-	1	-
Food Poisoning.	-	-	2
Chicken Pox	-	-	4
(not notifiable)			
Totals.	117	128	82

Table showing the incidence of Infectious Diseases in Age Groups.

Disease.	-1	1-	2-	3-	4-	5-	10-	15-	20-	25-
Scarlet Fever.			1			2	1		1	
Poliomyelitis						1				
Measles.	8	22	26	37	27	129		1		1
Whooping Cough	8	6		8		7				
Enteric Enteric Fever.	1			1						
Erysipelas										2
Pneumonia										1
Ophthalmia Neonatorum	1									
Chicken Pox.	1	2		1		1				
Food Poisoning										
Totals.	18	30	40	46	27	139	1	1	1	4

Tuberculosis.

The number of cases reported during the year was 18 (13 respiratory and 5 non-respiratory), a decrease of 7 under the 1947 figure.

There were 8 deaths during the year.

Table showing Sex and Ages of new cases and deaths during the year.

Age.	New Cases.				Deaths.			
	Respiratory		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year.								
1 - 5 years.								
5-15 years.	1	1	2	2				
15-25years.	1	4			1	2	-	1
25-35 years.				1	1			
35-45 years.	2				2			
45-55 years.	1	2			1			
55-65 years.	1							
65 -								
Totals.	6	7	2	3	5	2	-	1

Conclusion.

The District maintained its fairly high standard of health, the death rate comparing favourably with the rate for England and Wales.

The Parks and Playing Fields of the area continue to be of great benefit to the children of the district. The Bowling Green was constructed in Page Park during the year, and the construction of the swimming baths at Soundwell is still under active consideration.

The number of cases reported during the year was 18 (13 respiratory and 5 non-respiratory), a decrease of 7 under the last figure.

There were 8 deaths during the year.

Table showing Sex and Ages of new cases and deaths during the year.

Age.	New Cases.						The dead.		
	Respiratory.			Non-respiratory.			Respiratory.		Non-respiratory.
	M.	F.	M.	F.	M.	F.	M.	F.	M.
Under 1 year.									
1 - 5 years.	1	1		2					
5-15 years.	1						1	2	-
15-25 years.				1			1		
25-35 years.	2						2		
35-45 years.	1	2					1		
45-55 years.	1								
55-65 years.									
65 -									
Totals.	6	7	2	3			5	2	-

Correlation.

The District maintained the fairly high standard of health the death rate compares favourably with the rate for England and Wales.

The Farm and Playing Fields of the area continue to be a great credit to the children of the district. The Boating Lake was converted in Page Park during the year, and the construction of the swimming bath at Boundary Park is still under active consideration.